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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

Only for new nonprovisional applications under 37 CFR 1.53(h)

Attorney Docket No.	04990.0007.US01
First Named Inventor or Application Identifier	Philip Goellet et al.
Title	Nucleic Acid Typing by Polymerase Extension of Terminating Mixture
Express Mail Label No.	

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO: Assistant Commissioner for Patent Applications
Box Patent Application
Washington, DC 20231

1. ☒ *Fee Transmittal Form (Form PTO-1082)
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages 61]
(preferred arrangement set forth below)
- Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R&D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claims
 - Abstract of the Disclosure
3. ☒ Drawing(s) (35 USC 113) [Total Sheets 8]
4. Oath or Declaration [Total Pages 4]
- a. ☐ Newly executed (original or copy)
- b. ☒ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)
[Note Box 5 below]
- i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named
in the prior application, see 37 CFR 1.63(d)(2) and
1.33(b).
5. ☒ Incorporation By Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy
of the oath or declaration is supplied under Box 4b, is considered
as being part of the disclosure of the accompanying application
and is hereby incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. ☐ Computer Readable Copy
- b. ☐ Paper Copy (identical to computer copy)
- c. ☐ Statement verifying identity of above
copies

ACCOMPANYING APPLICATION PARTS

8. ☐ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503) (Two)
(should be specifically itemized)
14. ☐ *Small Entity Statement(s) ☒ Statement filed in prior application, Status still proper and desired
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Other:

*NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

- ☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: 07/664,837
- Prior Application Information: Examiner: Arthur, L. Group/Art Unit: 1634

18. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

or ☒ Correspondence address below

(Insert Customer No. or Attach bar code label here)

NAME	Jeffrey I. Auerbach	Registration No. (Attorney/Agent)	32,680
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Attorney Docket No. 04990.0007.US01

ASSISTANT COMMISSIONER FOR PATENTS
 Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of
 Inventors: Philip Goelet; Michael R. Knapp, Stephen Anderson
 For: **Nucleic Acid Typing by Polymerase Extension of Terminator Mixtures**

Enclosed are:

☒ 8 sheets of informal drawings.

☐ An assignment of the invention to _____

Form PTO-1595.

☒ A copy of the prior Application Serial No. 07/664,837

☐ An associate power of attorney.

☐ A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27.

☐ Executed Power of Attorney from Assignee

☐ Executed Declaration for Patent Application from prior Application Serial No. 07/664,837.

The filing fee has been calculated as shown below:

		(Col. 1)	(Col. 2)	SMALL ENTITY		OR	OTHER THAN A SMALL ENTITY	
FOR		NO. FILED	NO. EXTRA	RATE	FEE		RATE	FEE
BASIC FEE					\$ 395.00	OR		\$ 790.00
TOTAL CLAIMS		- 20 =		x 11 =		OR	x 22 =	
INDEP. CLAIMS		- 3 =		x 41 =		OR	x 82 =	
<input checked="" type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED				+ 135 =		OR	+ 270 =	
				TOTAL		OR	TOTAL	

*If the difference in Col. 1 is less than zero, enter "0" in Col. 2

☐ Please charge my Deposit Account No. 08-3038 in the amount of \$ _____. A duplicate copy of this sheet is attached.

☐ A check in the amount of \$ _____ to cover the _____ fee is enclosed.

☒ The U.S. Patent and Trademark Office is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 08-3038. A duplicate copy of this sheet is attached.

☒ Any additional filing fees required under 37 CFR 1.16.

☒ Any patent application processing fees under 37 CFR 1.17.

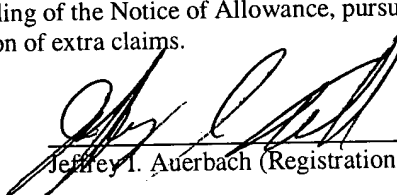
☐ The U.S. Patent and Trademark Office is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 08-3038. A duplicate copy of this sheet is enclosed.

☐ Any patent application processing fees under 37 CFR 1.17

☐ The issue fee set in 37 CFR 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR 1.311(b).

☐ Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Date 2/26/99


 Jeffrey I. Auerbach (Registration No. 32,680)

February 26, 1999

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FAX (202) 383-6610

Box Patent Application

Assistant Commissioner for Patents
Washington, D.C. 20231

Re: New U.S. Non-Provisional Utility Patent Application
Application Serial No. (to be assigned); Filed: (herewith)
Continuation of U.S. Application Serial No. 07/664,837, filed: March 05, 1991
For: **Nucleic Acid Typing by Polymerase Extension of Terminator Mixtures**
Inventors: Philip Goelet, Michael R. Knapp, Stephen Anderson
Our Ref: 04990.0007.US01

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is a continuation application of prior Application Serial No. 07/644,837, consisting of the following documents:

1. Utility Patent Application Transmittal Form PTO/SB/05;
2. Form PTO-1082;
3. U.S. Utility Patent Application, entitled:
Nucleic Acid Typing by Polymerase Extension of Terminator Mixtures

and naming as inventors:

Philip Goelet, Michael R. Knapp, Stephen Anderson

the application comprising:

- a. The specification containing:
 - (i) 46 pages of description prior to the claims;
 - (ii) 14 pages of claims (59 claims);
 - (iii) one (1) page abstract;
- b. 8 sheets of drawings: (Figures 1-8);
- c. Copy of the executed inventors' Declaration from prior application no. 07/644,837;

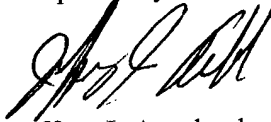
Assistant Commissioner for Patents
February 26, 1999
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4. Two (2) return post cards.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 08-3038. A duplicate copy of this letter is enclosed.

Respectfully submitted,



Jeffrey I. Auerbach
Registration No. 32,680

Enclosures